

Name: _____

Class # _____

Due Date: _____

SketchUp Castle Project

You are to design and create a castle using SketchUp. The castle must be as historically accurate as possible. This is your chance to learn/use this program, apply your knowledge from social studies, and have some fun!

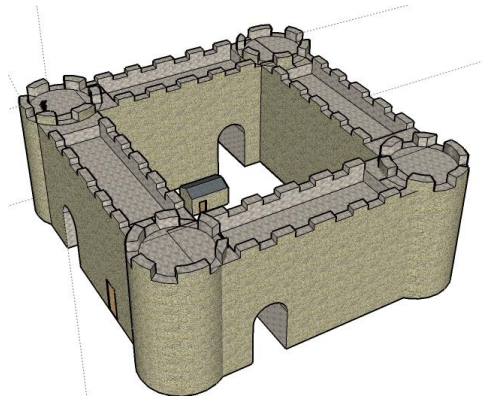
You may begin this project at any time. Each class has two class periods reserved in the computer lab. The rest of the work will be done on your own time. It will TAKE time, so DON'T WAIT UNTIL THE LAST MINUTE (really, trust me. It's much more involved than a regular POW.).

Castles must include the following items.

- Three DEFENSIVE structures.
 - Label them and explain their purpose in your written description.
 - Examples: moat, outer wall.
- Three WEAKPOINTS in the castle that could be attacked (we know you won't WANT to have these in your castle, but pretend you ran short of time/money when it was being built!)
 - Label them and explain why they are weak points.
 - Examples: exposed well, aligned gatehouses.
- Three ROOMS OR BUILDINGS that were typically found in castles.
 - Label them and describe the purpose of each room.
 - Some examples are: chapel, dungeon, great hall.

You need to provide a written description of your castle. The more detail you include, the better. Be careful to consider what would have been included in a reasonable castle design. For example, a 100' tall outer wall would not have been feasible or cost effective. Do some research if you're not sure what to include.

Imported items do not show your creativity/effort and generally should not be used. Also imported items are often not to scale with your design.



****The FINAL version of your castle must be saved in your school account. ****

Google SketchUp is a free program that can easily be downloaded to any computer. However, be aware that some of the computers at school have SketchUp 7 on them (not version 8), so beware! Choose version 8 when given the choice. The link to download the program (and tutorials) is <http://sketchup.google.com/download/index2.html>. The following website also has SketchUp video tutorials (there are thousands of others): http://www.youtube.com/watch?v=gsfH_cyXa1o&safety_mode=true&persist_safety_mode=1

Your SS video notes and the following websites (there are many others) may help you to design and complete your castle. <http://www.pbs.org/wgbh/nova/lostempires/trebuchet/race.html> covers attack/defense methods. <http://history.howstuffworks.com/middle-ages/castle2.htm> gives some specifics about features of a castle.

Milestones and Checklists

STEP ONE: DUE ON: _____

- List the nine required items that you will include in your castle. Be specific.

STEP TWO: DUE ON: _____

- First draft of written descriptions of the nine items you are including. This will be handed in for a grade.
- Check-in (while we're at the computer lab) on the progress of your Google SketchUp castle.

FINAL: DUE ON: _____

- This will count as **two** POW grades. Your final submission must include:
 - This assignment sheet
 - A print-out of the final castle, including images of each of the **nine** required items.
NOTE: These do not need to be nine separate images; multiple features can be included in one image.
 - Labels on each of the 9 required items
 - Detailed descriptions/explanations of each item on a **separate** paper from the castle print-out(s).
 - Describe each of the items you chose
 - Explain their purpose and/or why they were weaknesses
 - The final location and name of your FINAL castle version. [REMEMBER: The FINAL version of your castle **must** be saved in your school account.]

****MY FINAL CASTLE FILE'S NAME / LOCATION is:**

Grading Rubric

Your castle assignment will be scored in the following way:

- 4 The castle includes (at least) the nine required features and each feature is labeled. The castle design is historically accurate, creative, attractive and detailed. Your written descriptions are thorough, accurate and clear. The file name is included.
- 3 The castle includes all 9 required items, and those features are labeled. The design is historically accurate and reasonable. The written descriptions are *on a separate sheet of paper* and are complete and clear. The file name is included.
- 2 The castle is not accurate and/or is missing some of the required features, the descriptions are not detailed on a separate sheet of paper and/or the items are not labeled.
- 1 The castle is missing most of the features, the written description is not included or is incomplete.
- 0 Minimal or no effort was made to solve the problem.
- All late work is marked down a grade.

